SEQUENCE LISTING

<110> Abbott Laboratories
Billing-Medel, Patricia A.
Cohen, Maurice
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Yu, Hong

<120> METHODS AND REAGENTS USEFUL FOR
DETECTING DISEASES OF THE BREAST

<130> 6130.US.P1

<140> 09/110,720
<141> 1998-07-07

<150> US 08/889.127
<151> 1997-07-07

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aaagagagct tccgctacgt aaaccttaca tgcagctctg gcaagcaagt cccaggagcc 180
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gctcagaaag gccgtccaca gggagcagtt tcacctccag ctctcaggca tgaacctcga 180
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position 162

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position 125

<221> misc_feature
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<223> n = a or g or c or t/u, unknown, or other at
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acgtnacata tgatgaggac taccaggaac tcattgaaga catagttcga gatngcaggc 180
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position 79

<221> misc_feature

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position 258

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gtccaggttt ttgagacctt acaaatgact cagcccacgt gccactcaat acaaatgttc 180
tgctataggg ttggtgggac agagctgtct tccttctgca tgtcagcaca gtcgggtatt 240
gctgcctccc gtatcagnga c 261

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position 132

<221> misc_feature
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<223> n = a or g or c or t/u, unknown, or other at
position 212

<221> misc_feature
<222> (248)...(248)
<223> n = a or g or c or t/u, unknown, or other at
position 248

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agttcaattt tnatagataa tacagatatt ttggtaaatt gaacttggtt tttctttccc 180
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<210> 11
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<212> DNA
<213> Homo sapiens

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<212> DNA
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<210> 13
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<212> DNA
<213> Homo sapiens

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ctgtggagaa actgagtcct cccaggtctc aaggtgggtg gagggagcct gcaggggtct 180
ccttccctcc cctcttgcct gttctgcctg gtcagagcct gcacacgagt gcagagggct 240
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<211> 199
<212> DNA
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<212> DNA
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<212> DNA
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<220>
<223> pNICY Sequence

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<210> 18
<211> 68
<212> DNA
<213> Artificial Sequence

<220>
<223> pNICY Sequence

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<210> 19
<211> 24
<212> DNA
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<220>
<223> Universal Primer

<400> 19
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<210> 20
<211> 18
<212> DNA
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<220>
<223> Universal Primer

<400> 20
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<211> 20
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<220>
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<400> 21
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<210> 22
<211> 20
<212> DNA
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<220>
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<210> 29
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<212> PRT

<213> Homo sapiens

<400> 31

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Leu Pro Glu Lys His Ser Ser Val Lys Glu Ser Phe Arg Tyr Val Asn
        35                  40                  45
Leu Thr Cys Ser Ser Gly Lys Gln Val Pro Gly Ala Pro Gly Arg Pro
    50                  55                  60
Ser Thr Pro Lys Glu Met Phe Ile Thr Val Glu Phe Glu Leu Glu Thr
65                  70                  75                  80
Asn Gln Lys Glu Val Thr Ala Ser Cys Asp Leu Ser Cys Ile Val Lys
                85                  90                  95
Arg Thr Glu Lys Arg Leu Arg Lys Ala Ile Arg Met Leu Arg Lys Ala
            100                 105                 110
Val His Arg Glu Gln Phe His Leu Gln Leu Ser Gly Met Asn Leu Asp
        115                 120                 125
Val Ala Lys Lys Pro Pro Arg Thr Ser Glu Arg Gln Ala Glu Ser Cys
    130                 135                 140
Gly Val Gly Gln Gly His Ala Glu Asn Gln Cys Val Ser Cys Arg Ala
145                 150                 155                 160
Gly Thr Tyr Tyr Asp Gly Ala Arg Glu Arg Cys Ile Leu Cys Pro Asn
                165                 170                 175
Gly Thr Phe Gln Asn Glu Glu Gly Gln Met Thr Cys Glu Pro Cys Pro
            180                 185                 190
Arg Pro Gly Asn Ser Gly Ala Leu Lys Thr Pro Glu Ala Trp Asn Met
        195                 200                 205
Ser Glu Cys Gly Gly Leu Cys Gln Pro Gly Glu Tyr Ser Ala Asp Gly
    210                 215                 220
Phe Ala Pro Cys Gln Leu Cys Ala Leu Gly Thr Phe Gln Pro Glu Ala
225                 230                 235                 240
Gly Arg Thr Ser Cys Phe Pro Cys Gly Gly Gly Leu Ala Thr Lys His
                245                 250                 255
Gln Gly Ala Thr Ser Phe Gln Asp Cys Glu Thr Arg Val Gln Cys Ser
            260                 265                 270
Pro Gly His Phe Tyr Asn Thr Thr Thr His Arg Cys Ile Arg Cys Pro
        275                 280                 285
Val Gly Thr Tyr Gln Pro Glu Phe Gly Lys Asn Asn Cys Val Ser Cys
    290                 295                 300
Pro Gly Asn Thr Thr Thr Asp Phe Asp Gly Ser Thr Asn Ile Thr Gln
305                 310                 315                 320
Cys Lys Asn Arg Arg Cys Gly Gly Glu Leu Gly Asp Phe Thr Gly Tyr
                325                 330                 335
Ile Glu Ser Pro Asn Tyr Pro Gly Asn Tyr Pro Ala Asn Thr Glu Cys
            340                 345                 350
Thr Trp Thr Ile Asn Pro Pro Pro Lys Arg Arg Ile Leu Ile Val Val
        355                 360                 365
Pro Glu Ile Phe Leu Pro Ile Glu Asp Asp Cys Gly Asp Tyr Leu Val
    370                 375                 380
Met Arg Lys Thr Ser Ser Ser Asn Ser Val Thr Thr Tyr Glu Thr Cys
385                 390                 395                 400
Gln Thr Tyr Glu Arg Pro Ile Ala Phe Thr Ser Arg Ser Lys Lys Leu
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Trp Ile Gln Phe Lys Ser Asn Glu Gly Asn Ser Ala Arg Gly Phe Gln
            420                 425                 430
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Leu Lys Asp Lys Lys Leu Ile Lys Ala Leu Phe Asp Val Leu Ala His
465                 470                 475                 480
Pro Gln Asn Tyr Phe Lys Tyr Thr Ala Gln Glu Ser Arg Glu Met Phe
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<220>
<223> Synthetic Peptide

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<210> 33
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<210> 34
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<223> Synthetic Peptide

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His His His His His
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